I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Asst. Commissioner of Patents and Trademarks, Washington, D.C. on _____ September 23, 1999

By: _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Brian R. Murphy et al.

Application No.: 09/083,793

Filed: May 22, 1998

For: PRODUCTION OF ATTENUATED PARAINFLUENZA VIRUS VACCINES FROM CLONED NUCLEOTIDE SEQUENCES

Examiner: M. Mosher

Art Unit: 1643

RESPONSE TO SPECIES ELECTION REQUIREMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is in response to the Office Communication dated April 23, 1999, which set forth the following proposed list of species and requirement for election therefrom:

1. Chimeric PIV comprising sequences from two different species of PIV

2. Chimeric virus comprising sequences from PIV and another paramyxovirus

3. Mutated PIV with attenuated phenotype

4. Mutated PIV with ts phenotype

5. Mutated PIV with cold-adapted phenotype

6. Mutated PIV with small plaque phenotype

7. Mutated PIV with host range phenotype

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

Attorney Docket No. _____ 17634-000320US _____

In re application of: Brian R. Murphy et al.

Application No.: 09/083,793

Filed: May 22, 1998

Group Art Unit: 1643

For: PRODUCTION OF ATTENUATED PARAINFLUENZA
VIRUS VACCINES FROM CLONED NUCLEOTIDE
SEQUENCES

Date: _____ September 23, 1999 _____

I hereby certify that this is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

Signed: _____

THE ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith is a second preliminary amendment in the above-identified application.

[ ] Enclosed is a petition to extend time to respond.
[ ] Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
[ ] A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
[ ]

If any extension of time is needed, then this response should be considered a petition therefor.
The filing fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NO. PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA	SMALL ENTITY RATE	SMALL ENTITY ADDIT. FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDIT. FEE
TOTAL	*	MINUS	**	=	x =		OR	x =	
INDEP.	*	MINUS	***	=	x =		OR	x =	
[ ] FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ =			+ =	
					TOTAL ADDIT. FEE		OR	TOTAL	

*   If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
**   If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
***   If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, then write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.
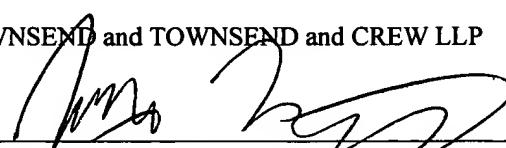
[ ]   No fee is due.

Please charge Deposit Account No. 20-1430 as follows:

[ ]   Claims fee $_____
[X]   Any additional fees associated with this paper or during the pendency of this application.

___2___ extra copies of this sheet are enclosed.

TOWNSEND and TOWNSEND and CREW LLP

Jeffrey J. King, Reg. No.: 38,515
Attorneys for Applicants